

09/484,331
ANA 3/13/08

In re: Harrington, *et al.*
Appl. No.: 09/484,331
Page 3

Please put a period after the text in line 30 on page 140 as follows:

35) After binding collect SA-PMPs through use of a magnet and recover flow
through

ANA 3/13/08 material (SAVE THIS MATERIAL!). In line ²⁵~~26~~, page 140, after "add"
please substitute -- the-- for "he" as follows: ~~the~~

102 33) Purifying the products of the second strand reaction using the PCR cleanup
kit from Qiagen. Elute in 50 µl EB and add the products of the second strand reaction to
150 µl of the PMPs.

In the Claims

Please amend the claims as follows:

62. (Once amended) A method for drug discovery comprising:

62.3 (a) integrating a vector into the genome of one or more eukaryotic cells,
wherein said vector integration activates expression of an endogenous gene in said one or
more cells;

(b) culturing said one or more cells under conditions favoring expression of
said activated gene, thereby producing a gene product of said activated gene;

(c) screening said one or more cells for a cell in which a desired gene is
activated or for a cell in which a desired phenotype is induced by said activated gene;